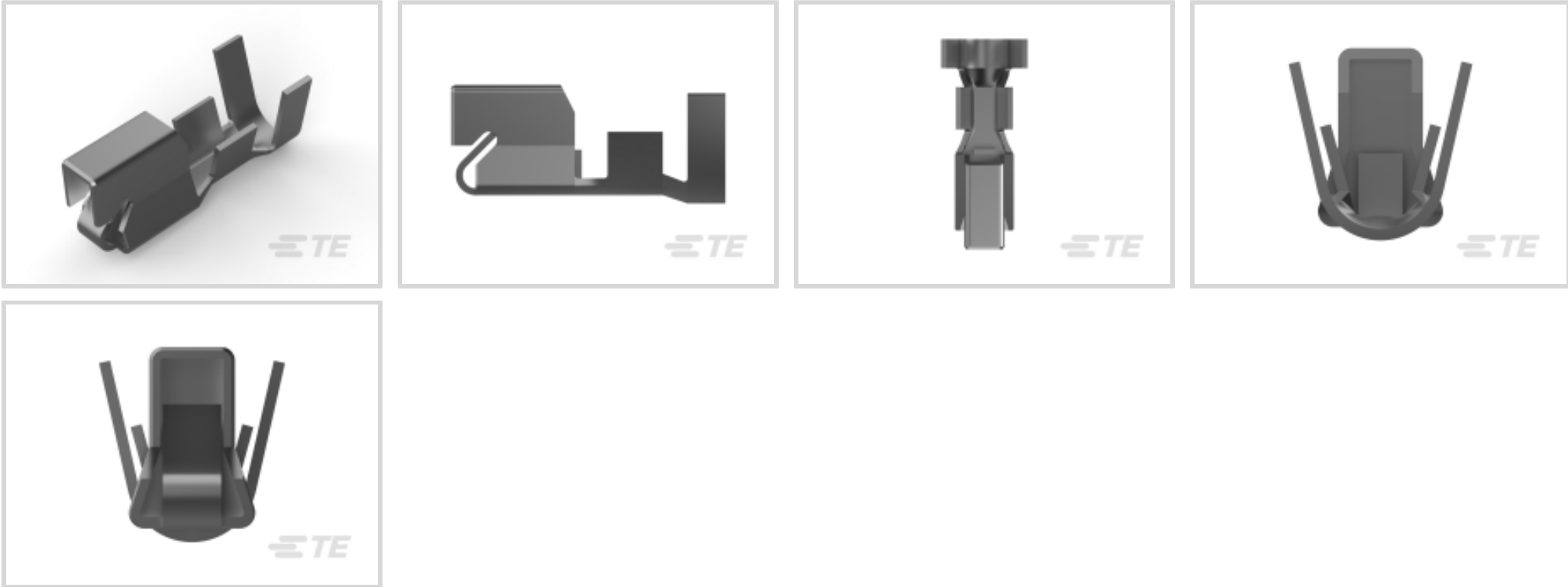




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**  
Contact Mating Area Plating Material: **Tin**  
Wire Contact Termination Area Plating Material: **Pre-Tin**  
Operating Voltage: **600 VAC**  
Contact Retention Within Housing: **With**

Features

Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 4000 |
| Packaging Method   | Bag  |

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 1.7 – 2.9 mm[.067 – .114 in] |
| Wire Size                            | .33 – .82 mm²                |

Contact Features

|                                                       |                    |
|-------------------------------------------------------|--------------------|
| Contact Orientation                                   | Straight           |
| Contact Mating Area Plating Material Thickness        | .8 µm[31.49 µin]   |
| Mating Square Post Dimension                          | 1.14 mm[.045 in]   |
| Wire Contact Termination Area Plating Material Finish | Semi-Bright        |
| Contact Shape & Form                                  | Single Beam in Box |
| Wire Contact Termination Area Plating Thickness       | .8 µm[31.49 µin]   |



|                                                |                 |
|------------------------------------------------|-----------------|
| Contact Type                                   | Socket          |
| Contact Mating Area Plating Material           | Tin             |
| Wire Contact Termination Area Plating Material | Pre-Tin         |
| Contact Retention Within Housing               | With            |
| Contact Base Material                          | Phosphor Bronze |
| Contact Current Rating (Max)                   | 12.3 A          |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VAC |
|-------------------|---------|

Termination Features

|                                    |              |
|------------------------------------|--------------|
| Termination Method to Wire & Cable | Crimp        |
| Product Terminates To              | Wire & Cable |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                                                                                                                       |
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                       |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold                                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                             |
| Solder Process Capability                     | Not applicable for solder process capability                                                                                    |

Product Compliance Disclaimer



This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

|                                                                 |                                                            |                                                            |                                                            |
|-----------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|
|                                                                 |                                                            |                                                            |                                                            |
| TE Part # 2217655-1<br>CCII EPII LANCELESS STD 22-18 ASSY       | TE Part # 2151113-1<br>OCEAN_2.0_APPLICATOR-S-070F102F-RSM | TE Part # 7-2151113-7<br>OCEAN_2.0_SPARE_PART_KIT-070F102F | TE Part # 2151113-2<br>OCEAN_2.0_APPLICATOR-S-070F102F-RSA |
|                                                                 |                                                            |                                                            |                                                            |
| TE Part # 2305570-1<br>Strip Terminal Cutter-Side Feed-No Crimp | TE Part # 2344117-3<br>3 POS EP II HSG, GWT,omit 2         | TE Part # 1366402-1<br>SAHT ECONOMY POWER 22-18 ASSY       | TE Part # 2108742-2                                        |

Also in the Series | Economy Power

|                        |                       |                                 |                                |
|------------------------|-----------------------|---------------------------------|--------------------------------|
|                        |                       |                                 |                                |
| Connector Contacts(15) | Connector Hardware(2) | Insertion & Extraction Tools(1) | PCB Headers & Receptacles(402) |



Rectangular Connector Housings(1)



Rectangular Power Connectors(57)



Wire-to-Board Connector Assemblies & Housings(141)

Customers Also Bought



TE Part #1744416-2  
2 POS EP II HSG, GLOW WIRE



TE Part #2132781-7  
07P EP-II HOUSING, NATURAL



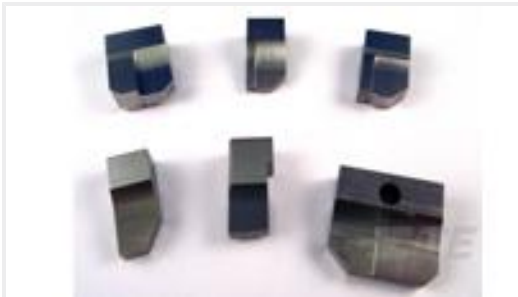
TE Part #1744416-3  
3 POS EP II HSG, GLOW WIRE



TE Part #2132781-2  
02P EP-II HOUSING, NATURAL



TE Part #1376393-2  
5.0 PK CONN. 6P PLUG HSG W/O GF-NATURAL



TE Part #1333203-4  
ANVIL, COMBINATION .070



TE Part #1862006-5  
STD PW TIMER CONTACT



TE Part #2315717-5  
STD TIMER PLUG HSG 4P MKII



TE Part #5-1633961-8  
CRIMPER, INSULATION F PREMIUM

Documents

Product Drawings

EP-II CONTACT LANCELESS, 22-18

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1744144-1\_C.2d\_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1744144-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1744144-1\\_C.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[1-1773885-9 Economy Power Connectors](#)

English

[7-1773458-5 ECONOMY\\_POWER\\_QRG](#)

English

[7-1773461-5 EPII\\_CONNECTOR\\_TPA\\_DEVICE](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[VDE Certificate](#)

English